

Please enclose with history sheet

USDA, Forest Service

FS-2800-5 (1/90)  
OMB NO. 0596-0022  
EXPIRES: 07/31/92

PLAN OF OPERATIONS  
FOR MINING ACTIVITIES  
ON NATIONAL FOREST LANDS

Submitted by Lawrence W. Smiley owner 5-11-90  
Signature Title Date  
Plan Received by Robert Hamilton Resource Specialist 5-11-90  
Signature Title Date

I. GENERAL INFORMATION

- A. Name of Mine/Project Golden Gem #1  
B. Type of Operation Lode  
(lode, placer, mill, exploration, development, production, other)  
C. Is this a (new/continuing) operation? (CIRCLE ONE)  
If continuing a previous operation, this plan (replaces/modifies) a previous plan of operation. (CIRCLE ONE)  
D. Proposed start-up date of operation April 15  
E. Proposed duration of operations indefinite  
F. Proposed seasonal reclamation close-out date \_\_\_\_\_

II. PRINCIPALS

- A. Name, address and phone number of operator: Lawrence W. Smiley  
Box 2 Joseph, Utah 84739 527-3825  
Lee R. Johnson 80 N. Center E. Elsinore, Utah 527-4125  
B. Name, address, and phone number of authorized field representative (if other than the operator). Attach authorization to act on behalf of operator.

- C. List the owners of the claims (if other than the operator)

BEAVER RANGER DISTRICT Received	MAY 11 '90	to		Info	
		Action	to		
		Ranger			
		Reg. Cont.			
		Plan. Cont.			
		Wildlife			
		Minerals			
		Forest 1			
		Forest 2			
		Forest Tech			
		Field			
		Forest			
		Forest			
		Forest			

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



- D. List name and address of other lessees, assigns, agents, etc. and briefly describe their involvement with the operation, if applicable:

### III. PROPERTY OR AREA

Name of claim and the legal land description where the operation will be conducted.

MMC #	Name	Section	Township	Range
143635-143638		25	26 South	5 West
Golden Gate 1, 2, 3, 4				

### IV. DESCRIPTION OF THE OPERATION

- A. **Access.** Show on a map (USGS quadrangle map or a National Forest map, for example) the claim boundaries and describe and show on the map all access needs, on and off the claim. Specify what Forest Service existing roads will be used, where maintenance or reconstruction is proposed and where any new construction is necessary. For new construction, include construction specifications such as widths, grades, etc. Show location and size of culverts. Describe maintenance plans. Describe the type and sizes of vehicles and equipment that will be traveling the access routes.

pick-ups and 4 wheel drive, dump trucks, Cat 933 loader, rubber tired loaders, air compressors. Access roads shown on map. Road on claim to be maintained.

- B. **Attach map, sketch or drawing** showing location and layout of the area of operation. Include names and locations or any streams, creeks, and springs. Describe and explain on the map the type of operation, method or techniques you propose (examples: drilling, open pit mining, dredging, milling, etc.; include locations, capacity, size, amount, etc.). Show on the map and describe below the size and kind of all surface disturbance, such as trenches, pits, settling ponds, stream channels and run-off diversions, waste dumps, drill pads, timber disposal or clearance, etc. Include sizes, capacities, acreage, amounts, locations, materials involved, etc.

Enclosed sketch shows mine lay-out. portal is 7x6 1/2 ft. inside and tunnel is about 130 ft. long, unless ore body is reached in 100 more feet work will be abandon.

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



- C. **Project Description.** Describe all aspects of the operation: how clearing will be accomplished, topsoil stockpiled, waste rock placed, tailing disposed of, etc. Calculate production rates and total volumes of waste rock and ore. Include justification and calculations for settling pond capacities and sizing of runoff diversion channels.

1. For first 12 months:

Waste rock will be placed on present dump road that extends north of portal, no trees will be removed at present time, if present dump isn't large enough 42 inch culvert will be placed in creek and waste will be placed on culvert. Another choice would be to haul waste to an approved waste dump. All commercial ore will be processed off claim area.

2. For total life of project:

Work on Golden Gem would probably stop after this summer if commercial ore isn't reached. If commercial is reached access will be improved for large trucks with Forest Service input.

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



D. **Describe the Equipment and Vehicles** you propose to use in your operation (Examples: drill, dozer, wash plant, mill, etc.). Include: sizes, capacity, frequency of use, etc.

Cat 933 loader rubber tired  
loaders, pickups both 2 wheel  
and 4 wheel, dump trucks, also  
small Cat dozer.

E. **Structures.** Describe and include justification for the structures or facilities planned for the operation. Include such things as storage sheds, mill buildings, thickener tanks, fuel storage, powder magazines, pipe lines, water diversions, trailers, sanitation facilities, etc. Include justification and calculations for sizing of tanks, pipelines and water diversions. The fuel storage facilities should include containment structures that will hold the volume of the largest storage tank in case of a tank failure or leak. Show the locations on the sketch map.

at latter date may construct  
compressor shed at present time  
no structures planned.

#### V. ENVIRONMENTAL PROTECTION MEASURES (SEE 36 CFR 228.8)

A. **Air Quality.** Describe measures to be taken to minimize impacts on air quality such as obtaining a burning permit for slash disposal or dust abatement on roads.

Will secure burning permit to  
burn slash.

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



**PLAN OF OPERATIONS  
FOR MINING ACTIVITIES  
ON NATIONAL FOREST LANDS**

Submitted by Lawrence W. Drisby Owner 5-11-90  
Signature Title Date

Plan Received by Roland Hamilton Resource Specialist 5-11-90  
Signature Title Date

**I. GENERAL INFORMATION**

- A. Name of Mine/Project Rose Bud No. 2
- B. Type of Operation Lode  
(lode, placer, mill, exploration, development, production, other)
- C. Is this a (new/continuing) operation? (CIRCLE ONE)  
If continuing a previous operation, this plan (replaces/modifies) a previous plan of operation. (CIRCLE ONE)
- D. Proposed start-up date of operation 5-20-90
- E. Proposed duration of operations Indefinite
- F. Proposed seasonal reclamation close-out date \_\_\_\_\_

**II. PRINCIPALS**

- A. Name, address and phone number of operator Lawrence W. Drisby  
215 N. 100 W. Box 2 Joseph, Utah 84739  
527-3725
- B. Name, address, and phone number of authorized field representative (if other than the operator). Attach authorization to act on behalf of operator.

- C. List the owners of the claims (if other than the operator)

Lee R. Jensen

BEAVER RANGER DISTRICT Received		
MAY 11 '90		
Action	to	Info
	Ranger	
	Ranger Con 1	
	Ranger Con 2	
	Wildfire	
	Minerals	RI
	Engr 1	
	Engr 2	
	For Tech	
	S.S.S.	
	Res. Clerk	
	Recpt.	

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



- D. List name and address of other lessees, assigns, agents, etc. and fully describe their involvement with the operation, if applicable:

### III. PROPERTY OR AREA

Name of claim and the legal land description where the operation will be conducted.

MMC #	Name	Section	Township	Range
143642- <del>WASH</del>	Rose Bud No. 2	SE 1/4 24	26 South	5 West

### IV. DESCRIPTION OF THE OPERATION

- A. **Access.** Show on a map (USGS quadrangle map or a National Forest map, for example) the claim boundaries and describe and show on the map all access needs, on and off the claim. Specify what Forest Service existing roads will be used, where maintenance or reconstruction is proposed and where any new construction is necessary. For new construction, include construction specifications such as widths, grades, etc. Show location and size of culverts. Describe maintenance plans. Describe the type and sizes of vehicles and equipment that will be traveling the access routes.

Pick-ups, both 2 and 4 wheel drive, dump trucks Cat 933 loader also rubber tired loaders. Access road shown on map. Claim road to be maintained.

- B. **Attach map, sketch or drawing** showing location and layout of the area of operation. Include names and locations or any streams, creeks, and springs. Describe and explain on the map the type of operation, method or techniques you propose (examples: drilling, open pit mining, dredging, milling, etc.; include locations, capacity, size, amount, etc.). Show on the map and describe below the size and kind of all surface disturbance, such as trenches, pits, settling ponds, stream channels and run-off diversions, waste dumps, drill pads, timber disposal or clearance, etc. Include sizes, capacities, acreage, amounts, locations, materials involved, etc.

Enclosed sketch shows mine lay-out. Portal size to be increased to 7x6 1/2 ft. inside. Drift size will not be changed significantly.

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



- C. **Project Description.** Describe all aspects of the operation: how clearing will be accomplished, topsoil stockpiled, waste rock placed, tailing disposed of, etc. Calculate production rates and total volumes of waste rock and ore. Include justification and calculations for settling pond capacities and sizing of runoff diversion channels.

1. For first 12 months:

This is a continuing operation present dump will be used. No trees will be removed. Tailings will be placed on present dump site. All commercial ore will be processed off claim area. We are looking for commercial ore that is rich enough & big enough to make a mining operation

2. For total life of project:

Operations will proceed indefinitely till mine is proven or ore is worked out

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



- D. **Describe the Equipment and Vehicles** you propose to use in your operation (Examples: drill, dozer, wash plant, mill, etc.). Include: sizes, capacity, frequency of use, etc.

Both 2 and 4 wheel drive pickups  
dump trucks, Cat 933 loader, rubber  
tired loader, also small cat dozer

- E. **Structures.** Describe and include justification for the structures or facilities planned for the operation. Include such things as storage sheds, mill buildings, thickener tanks, fuel storage, powder magazines, pipe lines, water diversions, trailers, sanitation facilities, etc. Include justification and calculations for sizing of tanks, pipelines and water diversions. The fuel storage facilities should include containment structures that will hold the volume of the largest storage tank in case of a tank failure or leak. Show the locations on the sketch map.

at latter date may construct  
compressor shed, none planned  
to start with

#### V. ENVIRONMENTAL PROTECTION MEASURES (SEE 36 CFR 228.8)

- A. **Air Quality.** Describe measures to be taken to minimize impacts on air quality such as obtaining a burning permit for slash disposal or dust abatement on roads.

I would obtain burning permit  
to burn garbage or slash

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



B. **Water Quality.** State how applicable state and federal water quality standards will be met. Describe what measures or management practices will be used to minimize water quality impacts and meet applicable standards.

1. If water is to be used in the operation (processing ore, washing ore, solution make-up, etc.) state how the water will be stored, treated and disposed of. If ponds of any type are proposed, such as for storage or settling, state how they will be designed and built. Provide storage capacities and water balance calculations. State how ponds will be maintained on an annual basis.
2. Describe methods to control runoff and erosion to prevent entry into surface water for all disturbed areas, including waste and tailings dumps.
3. Describe proposed surface water and groundwater quality monitoring, if required, to demonstrate compliance with federal or state water quality standards.
4. Describe what measures will be used to minimize potential water quality impacts during winter closure, if applicable.
5. If land application is proposed for wastewater disposal, the location and operation of the land application system should be described.

No Water used in operation. Will prevent oil & other wastes from entering creek.

C. **Solid Wastes.** State how any tailing, dumpage, or other waste produced by operations will be disposed of or treated so as to minimize adverse impacts. Include a statement that all unburnable garbage and refuse will be hauled off-Forest to a sanitary landfill.

Will use existing dump for waste rock, unburnable garbage will be hauled to sanitary landfill

D. **Scenic Values.** State how scenic values will be protected. Examples are screening, slash disposal, timely reclamation, etc.

No slash Burn permit will be obtained to burn slash at end of project dump will be contoured & seeded

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



- E. **Fish and Wildlife.** All practicable measures to maintain and protect fisheries and wildlife habitat affected by the operations must be taken, and should be defined. Most of those measures involve avoidance of critical habitat such as along streams and bogs when planning roads, dumps, etc. Opportunities during reclamation to prevent erosion or plant browse or forage species should be described.

*No effect on wild life - life*

- F. **Cultural Resources.** Describe procedures for protection of historic and archeological values. The Forest Service is responsible for insuring that the area to be covered by the operating plan is inventoried prior to plan approval to determine the presence of significant cultural resources and will specify protective and/or mitigation measures to be taken by the operator. If previously undiscovered cultural resources (historic or prehistoric objects, artifacts, or sites) are exposed as a result of operations, the operator shall not proceed until he is notified by the District Ranger that he has complied with provisions for mitigating unforeseen impacts as required by 36 CFR 228.4(e) and 36 CFR 800.

*No known resources. If any cultural resources are found, work would stop & Forest Service notified.*

- G. List all hazardous substances (by name and quantity required) which you intend to use or generate during the proposed operation. Operations USING or GENERATING HAZARDOUS SUBSTANCES must attach copies of other Federal and State agency permits, including all stipulations and conditions pertaining to the permit.

*None used*

- H. With regard to hazardous substances, discuss handling, storage, security (fencing), identification (signing), or other special operations requirements necessary to conduct the proposed operation.

*None used.*

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



**Close-out Reclamation.** This section should describe the removal of structures and facilities, and the reclamation of the access road. It should specify that roads no longer needed: (1) be closed, (2) bridges and culverts be removed, (3) cross drains, dips, or water bars be constructed, and (4) the road surface be shaped to as near a natural contour as practicable and be stabilized. Show the expected date for completion of all reclamation.

upon completion of project,  
dumps will be contoured, reseeded  
and all structures will be removed  
road will be contoured as close  
as possible to original contour.  
Vegetation will be restored

#### VI. FOREST SERVICE EVALUATION OF PLAN OF OPERATIONS

A. Recommended Changes/Modifications for Plan of Operations: \_\_\_\_\_

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B. **Bond** - As a further guarantee of faithful performance with the reclamation requirements agreed upon in the plan of operations, the operator delivers herewith and agrees to maintain a surety bond, cash, bond, irrevocable letters of credit in the sum of \_\_\_\_\_ (\$\_\_\_\_\_).

#### ACKNOWLEDGEMENTS

A. It is understood that should the nature of the operation change a modified or supplemental plan of operations may be required.

B. It is understood that approval of this plan of operations does not constitute: (1) Certification of ownership to any person named herein; and (2) Recognition of the validity of any mining claim named herein.

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



- C. It is understood that a bond equivalent to the actual cost of performing the agreed upon mitigation and reclamation measures may be required before this plan can be approved.
- D. It is understood that approval of this plan does not relieve me of my responsibility to comply with any other applicable State or Federal laws, rules or regulations.
- E. It is understood that any information provided with this plan that is marked confidential will be treated by the agency in accordance with that agency's laws, rules and regulations.

I/We have reviewed and agree to comply with all conditions in this plan of operations, including the recommended changes and reclamation requirements. I/We understand that the bond will not be released until the Forest Officer in charge gives written approval of the reclamation work.

Lawrence W. Driscoll  
Operator (or Authorized Official)

5-11-90  
(Date)

OPERATING PLAN APPROVAL:

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Authorized Officer)

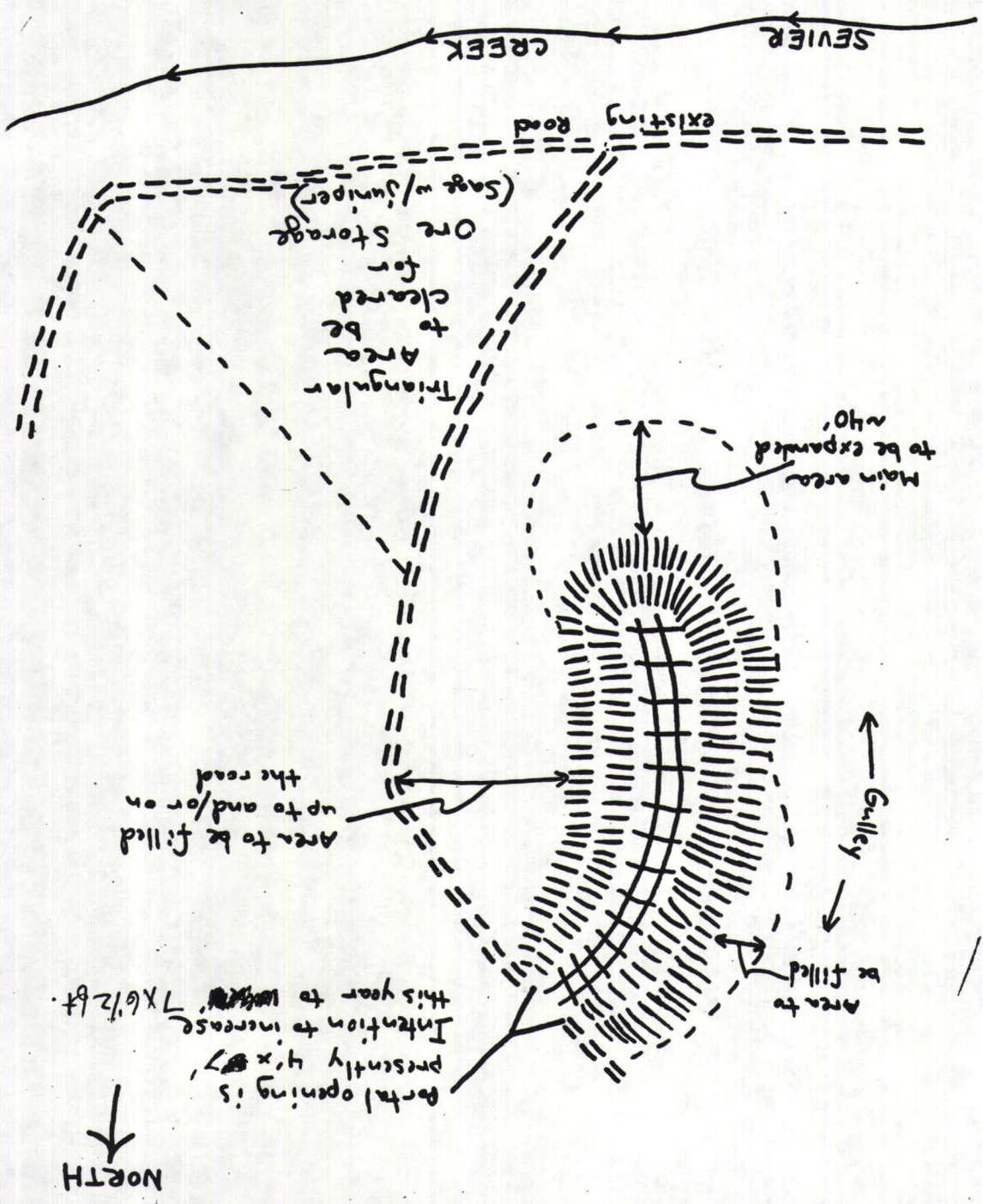
\_\_\_\_\_  
(Date)

Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, OIRM, Room 404-W, Washington, D.C. 20250; and to the Office of Management and Budget, Paperwork Reduction Project (OMB #0596-0022), Washington, D.C. 20503.



Diagrammatic Sketch of Rosebud #2 Mining Claim  
 (per Lawrence Prisky) T 26S/5W, sec. 24, SE 1/4.  
 Gold Mtn. Mining District.

Access road: Maintained



3/9/25:1  
 Close out  
 and claim

5-21-00



B. **Water Quality.** State how applicable state and federal water quality standards will be met. Describe what measures or management practices will be used to minimize water quality impacts and meet applicable standards.

1. If water is to be used in the operation (processing ore, washing ore, solution make-up, etc.) state how the water will be stored, treated and disposed of. If ponds of any type are proposed, such as for storage or settling, state how they will be designed and built. Provide storage capacities and water balance calculations. State how ponds will be maintained on an annual basis.
2. Describe methods to control runoff and erosion to prevent entry into surface water for all disturbed areas, including waste and tailings dumps.
3. Describe proposed surface water and groundwater quality monitoring, if required, to demonstrate compliance with federal or state water quality standards.
4. Describe what measures will be used to minimize potential water quality impacts during winter closure, if applicable.
5. If land application is proposed for wastewater disposal, the location and operation of the land application system should be described.

No water used in operation will prevent oil & other waste from entering creek, will seed dump areas that aren't being used

C. **Solid Wastes.** State how any tailing, dumpage, or other waste produced by operations will be disposed of or treated so as to minimize adverse impacts. Include a statement that all unburnable garbage and refuse will be hauled off-Forest to a sanitary landfill.

Waste rock will be placed on present dump & dump road. Unburnable garbage will be hauled to sanitary land fill.

D. **Scenic Values.** State how scenic values will be protected. Examples are screening, slash disposal, timely reclamation, etc.

Burning permits will be obtained for slash burning. Area will be reclaimed at termination of project

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



- E. **Fish and Wildlife.** All practicable measures to maintain and protect fisheries and wildlife habitat affected by the operations must be taken, and should be defined. Most of those measures involve avoidance of critical habitat such as along streams and bogs when planning roads, dumps, etc. Opportunities during reclamation to prevent erosion or plant browse or forage species should be described.

Waste will be kept out of  
streams

- F. **Cultural Resources.** Describe procedures for protection of historic and archeological values. The Forest Service is responsible for insuring that the area to be covered by the operating plan is inventoried prior to plan approval to determine the presence of significant cultural resources and will specify protective and/or mitigation measures to be taken by the operator. If previously undiscovered cultural resources (historic or prehistoric objects, artifacts, or sites) are exposed as a result of operations, the operator shall not proceed until he is notified by the District Ranger that he has complied with provisions for mitigating unforeseen impacts as required by 36 CFR 228.4(e) and 36 CFR 800.

Surveys of affected area have  
been completed, nothing was  
found. If any cultural resources  
are found Forest Service will be notified.  
Work will stop if cultural resources are found.

- G. List all hazardous substances (by name and quantity required) which you intend to use or generate during the proposed operation. Operations USING or GENERATING HAZARDOUS SUBSTANCES must attach copies of other Federal and State agency permits, including all stipulations and conditions pertaining to the permit.

None used.

- H. With regard to hazardous substances, discuss handling, storage, security (fencing), identification (signing), or other special operations requirements necessary to conduct the proposed operation.

None used

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



- i. **Close-out Reclamation.** This section should describe the removal of structures and facilities, and the reclamation of the access road. It should specify that roads no longer needed: (1) be closed, (2) bridges and culverts be removed, (3) cross drains, dips, or water bars be constructed, and (4) the road surface be shaped to as near a natural contour as practicable and be stabilized. Show the expected date for completion of all reclamation.

at termination of project all structures, culverts will be removed, water bars constructed road surfaces will be contoured to natural contour as practicable all will be seeded until grass grows

#### VI. FOREST SERVICE EVALUATION OF PLAN OF OPERATIONS

- A. Recommended Changes/Modifications for Plan of Operations: \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

- B. **Bond** - As a further guarantee of faithful performance with the reclamation requirements agreed upon in the plan of operations, the operator delivers herewith and agrees to maintain a surety bond, cash, bond, irrevocable letters of credit in the sum of \_\_\_\_\_ (\$\_\_\_\_\_).

#### ACKNOWLEDGEMENTS

- A. It is understood that should the nature of the operation change a modified or supplemental plan of operations may be required.
- B. It is understood that approval of this plan of operations does not constitute: (1) Certification of ownership to any person named herein; and (2) Recognition of the validity of any mining claim named herein.

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



- C. It is understood that a bond equivalent to the actual cost of performing the agreed upon mitigation and reclamation measures may be required before this plan can be approved.
- D. It is understood that approval of this plan does not relieve me of my responsibility to comply with any other applicable State or Federal laws, rules or regulations.
- E. It is understood that any information provided with this plan that is marked confidential will be treated by the agency in accordance with that agency's laws, rules and regulations.

I/We have reviewed and agree to comply with all conditions in this plan of operations, including the recommended changes and reclamation requirements. I/We understand that the bond will not be released until the Forest Officer in charge gives written approval of the reclamation work.

Lawrence W. Prusky  
Operator (or Authorized Official)

5-11-90  
(Date)

OPERATING PLAN APPROVAL:

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Title)

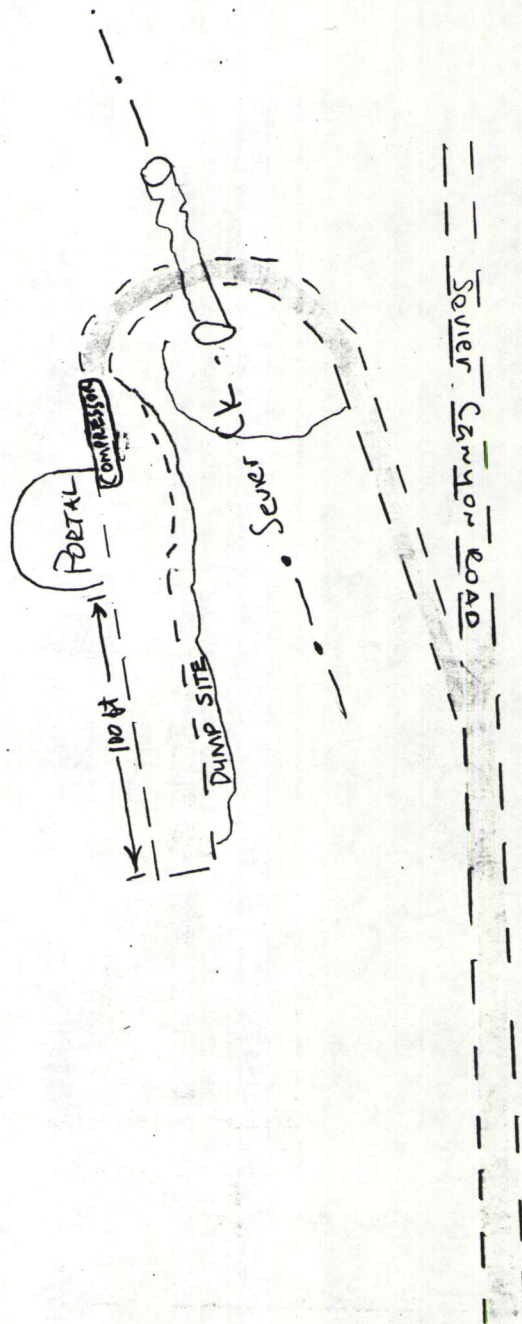
\_\_\_\_\_  
(Authorized Officer)

\_\_\_\_\_  
(Date)

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Flood on C Train to be maintained  
erosion controlled. Current culvert  
size is 24 inch



Diagrammatic Sketch of Golden Gem #2  
mining Claim  
Access Needs